

FIG. 1

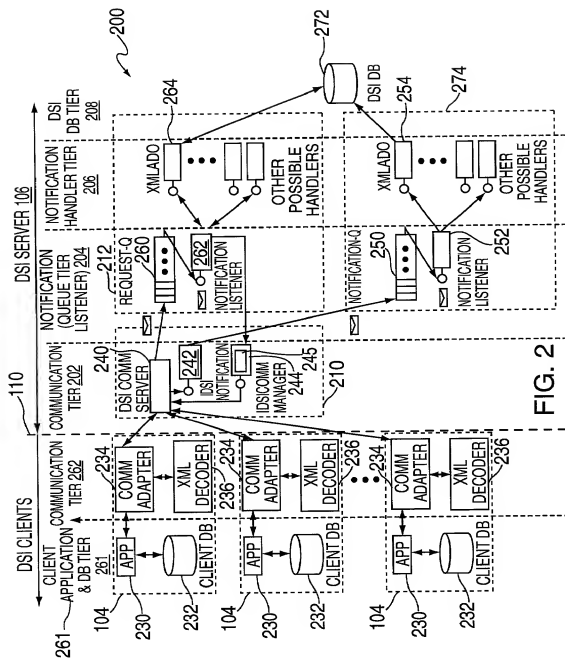


FIG. 2

300

INITIALIZE DSI ADAPTER INSTANCE 302

CREATE SOCKET AND TRANSMIT
CONNECT REQUEST TO DSI SERVER 304

DSI SERVER STARTS NEW THREAD
TO HANDLE CONNECTION 306

DSI SERVER SENDS A CONFIRMATION
SIGNAL TO DSI CLIENT 308

DSI CLIENT SENDS REQUEST DATA
SIGNAL TO DSI SERVER 310

DSI SERVER INSTANTIATES
NOTIFICATION INTERFACE 312

NOTIFICATION LISTENER OF DSI SERVER
LISTENS FOR NEW MESSAGE 314

3A
3B

FIG. 3

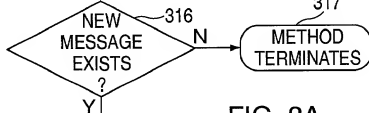


FIG. 3A

TO FIG. 3B

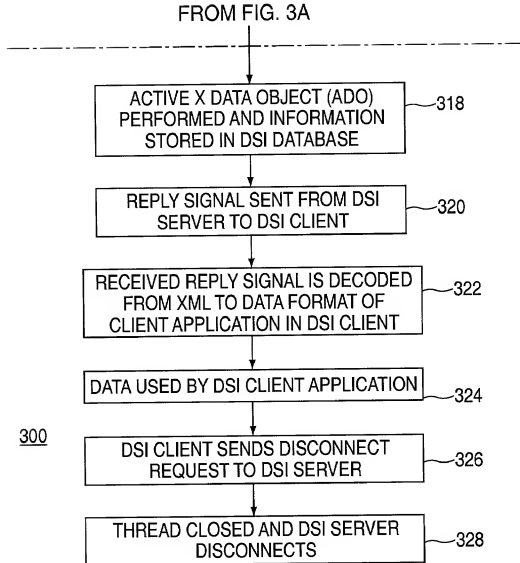


FIG. 3B

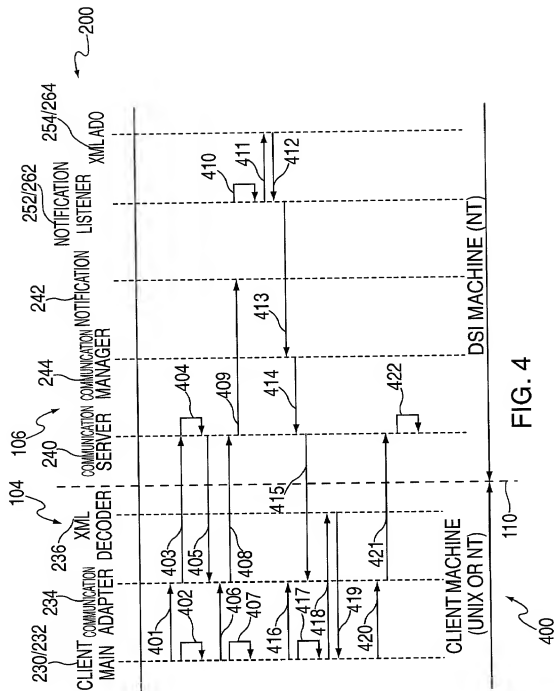


FIG. 4

500

DSI CLIENT INITIALIZES
COMMUNICATION ADAPTER 502

DSI CLIENT TRANSMITS CONNECT
REQUEST TO DSI SERVER 504

DSI CLIENT CREATES THREAD TO
HANDLE SOCKET 506

DSI SERVER SENDS A CONFIRMATION
SIGNAL TO DSI CLIENT 508

DSI CLIENT TRANSMITS REQUESTED
DATA SIGNAL TO DSI SERVER 510

DSI SERVER INSTANTIATES
NOTIFICATION INTERFACE 512

DSI SERVER LISTENS FOR NEW MESSAGE
AT NOTIFICATION QUEUE 514

NEW MESSAGE
EXISTS ? 516

METHOD 500
TERMINATES 517

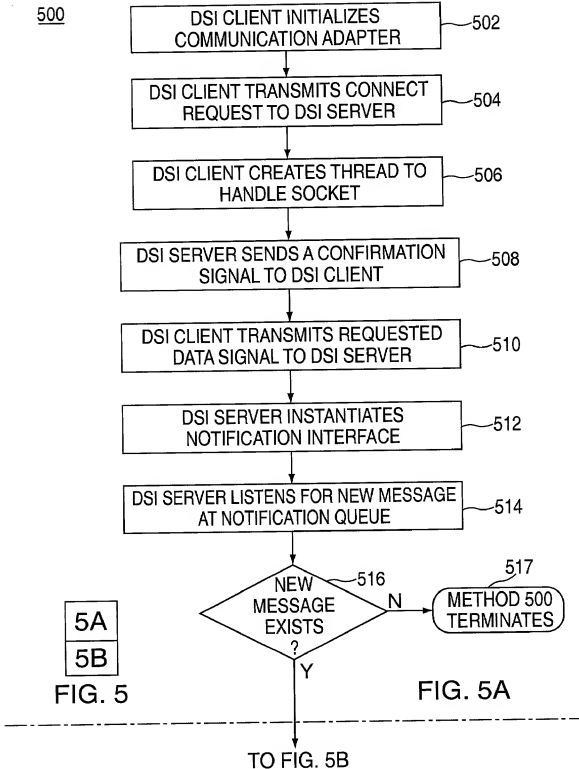
5A

5B

FIG. 5

FIG. 5A

TO FIG. 5B



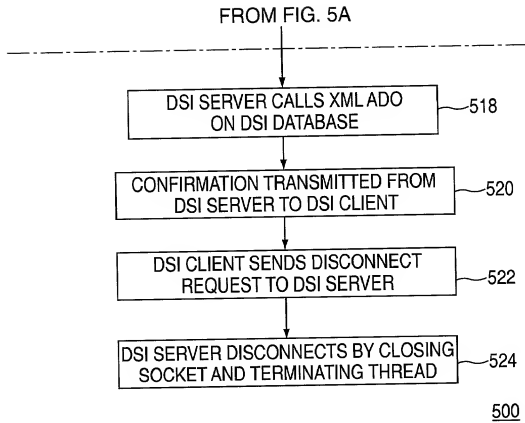


FIG. 5B

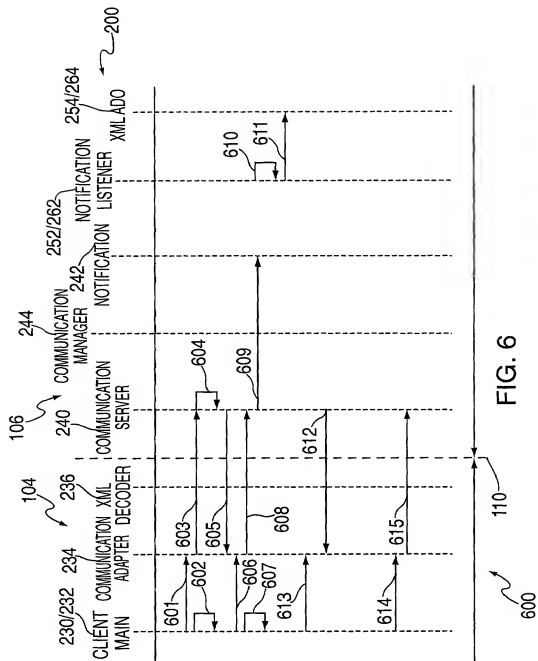


FIG. 6